

## Refine Search

### Search Results -

Term	Documents
(17 AND 16).PGPB,USPT,EPAB,JPAB,DWPI,TDBD.	4
(L16 AND L17 ).PGPB,USPT,EPAB,JPAB,DWPI,TDBD.	4

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L18

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<u>L18</u>	l16 and L17	4	<u>L18</u>
<u>L17</u>	copy\$ same instructions same proxy	52	<u>L17</u>
<u>L16</u>	network and L15	965	<u>L16</u>
<u>L15</u>	(proxy near2 server) and L14	978	<u>L15</u>
<u>L14</u>	(element or control module)same code	84249	<u>L14</u>
<u>L13</u>	l10 and L12	0	<u>L13</u>
<u>L12</u>	new near2 module	8203	<u>L12</u>
<u>L11</u>	l1 and L10	3	<u>L11</u>
<u>L10</u>	proxy server near2 code	65	<u>L10</u>
<u>L9</u>	proxy server near2 new code	0	<u>L9</u>
<u>L8</u>	copy\$ and L7	1	<u>L8</u>
<u>L7</u>	network and L5	7	<u>L7</u>
<u>L6</u>	netwrok and L5	0	<u>L6</u>

L5 proxy same new code  
L4 11 and L3  
L3 new code and L2  
L2 proxy same code  
L1 network near2 group

9 L5  
1 L4  
118 L3  
2454 L2  
11811 L1

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- [#3](#) ((proxy server and new code)<in>metadata)
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- [#5](#) ( network<in>metadata ) <and> ( proxy server<in>metadata )  
<and> ( code<in>metadata )
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<and> ( code<in>metadata )
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<and> ( code<in>metadata )
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<and> ( code<in>metadata )
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## Functionality adaptation: a context-aware service code adaptation for pervasive computing environments

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## Abstract

Pervasive computing has attracted a lot of attention in recent years. There are now proxy servers specially designed for pervasive computing. To enable content viewing in small devices, content adaptation techniques have been used (such as distillation and transcoding) to adapt content-rich servers to resource-constrained devices. Adaptation of Web contents has been used, but little attention was paid to the adaptation of services (or service code), which is equal to computing anytime, anywhere, and on any device. We present an approach to adaptation of services which is proxy-based and context-aware, called "functionality adaptation". The main difficulty in functionality adaptation is to estimate the resource usage required for an execution, which varies with the context and is available only at run-time. We propose a conservative solution. A simple prototype has been developed to evaluate our adaptation approach.

## Index Terms

## Indexing Terms

## Controlled Indexing

[Internet](#) [network servers](#) [resource allocation](#) [ubiquitous computing](#)

## Non-controlled Indexing

[Web contents](#) [content adaptation techniques](#) [context-aware service code adaptation](#) [pervasive computing environment](#) [proxy servers](#)

## Author Keywords

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## References

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